COETECT TOCECTEC

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

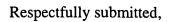
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b) Attorney Docket No. <u>004781.P004</u> Total Pages First Named Inventor or Application Identifier __Dan S. Decasper Express Mail Label No. EL143566802US **ADDRESS TO: Assistant Commissioner for Patents Box Patent Application** Washington, D. C. 20231

		ION ELEMENTS Chapter 600 concerning utility patent application contents.				
1.	_X	Fee Transmittal Form (Submit an original, and a duplicate for fee processing)				
2.	<u>X</u>	Specification (Total Pages				
3.	<u>X</u>	Drawings(s) (35 USC 113) (Total Sheets 7)				
4.	_X	Oath or Declaration (Total Pages <u>5</u>)				
		a Newly Executed (Original or Copy)				
		Copy from a Prior Application (37 CFR 1.63(d)) (for Continuation/Divisional with Box 17 completed) (Note Box 5 below)				
		i. <u>DELETIONS OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				
5.	-	ncorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.				
6.	_	Microfiche Computer Program (Appendix)				

7.	(if appl	Nucleotide and/or Amino Acid Sequence Submission licable, all necessary) Computer Readable Copy					
	b. c.	Paper Copy (identical to computer copy) Statement verifying identity of above copies					
		ACCOMPANYING APPLICATION PARTS					
8. 9.	_	Assignment Papers (cover sheet & documents(s)) a. 37 CFR 3.73(b) Statement (where there is an assignee)					
	_	b. Power of Attorney					
10.		English Translation Document (if applicable)					
11.	_	a. Information Disclosure Statement (IDS)/PTO-1449					
	b. Copies of IDS Citations						
12.		Preliminary Amendment					
13.	<u>X</u>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
14.	_	a. Small Entity Statement(s)					
		b. Statement filed in prior application, Status still proper and desired					
15.	_	Certified Copy of Priority Document(s) (if foreign priority is claimed)					
10							
10.	16 Other:						
		 					
17.	If a C	CONTINUING APPLICATION, check appropriate box and supply the requisite information:					
		Continuation Divisional Continuation-in-part (CIP)					
		of prior application No: _					
18.	Co	rrespondence Address					
	_ Cu	stomer Number or Bar Code Label (Insert Customer No. or Attach Bar Code Label here)					
		or					
x	_ Co	rrespondence Address Below					
NAN	1E _	Michael J. Mallie, Reg No. 36,591					
	_	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP					
VD.	NDECC.	12400 Wilehire Beuleward					
ADDRESS 12400 Wilshire Boulevard							
Seventh Floor							
СІТ	Los /	Angeles STATE California ZIP CODE 90025-1026					
Cou	ntry	U.S.A. TELEPHONE (408) 720-8598 FAX (408) 720-9397					



BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: <u>9/13</u>, 2000

Michael J. Mallie Reg. No. 36,591

1c682 U.S. PTO 09/660991

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: <u>EL143566802US</u>
Date of Deposit: September 13, 2000
I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has
been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231
Angela M. Quinn
(Typed or printed name of person mailing paper or fee)
(Signature of person mailing paper or fee) $9 - 13 - 00$
(Date signed)



PTO/SB/17(6/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL FOR FY 2000						
Comp	lete if Kno	wn:		FOTAL AMOUNT OF PAYMENT (\$) 822.00		
	cation No.		t yet ass	igned		
	Date		t yet as			
First I	Named Inv	entor	Dar	S. Decasper, et al.		
Group	Art Unit		Not	yet assigned		
Exami	ner Name		Not	yet assigned		
Attorn	ey Docket	No	004	781.P004		
METH	HOD OF P	PAYMEN	T (chec	ek one)		
1.	[X]	The Cor any ove		oner is hereby authorized to charge indicated fees and creents to:	edit	
				nt Number <u>Blakely, Sokoloff, Taylor & Zafman, LLP</u> nt Name <u>02-2666</u>		
	[X]	Charge	Any Ad	ditional Fee Required Under 37 CFR 1.16 and 1.17		
2.	<u> </u>	Paymer	nt Enclo	sed:		
ŀ		<u>X</u>	Check			
			Money	Order		
			Other			
FEE (CALCULA	MOITA				
1. BASIC FILING FEE						
Lorgo	Entity	Small E	intitue			
Fee	Entity Fee	Small E Fee	Fee			
Code		Code	(\$)	Fee Description	Fee Paid	
101	690	201	345	Utility application filing fee	690.00	
106	310	206	155	Design application filing fee		
107	480	207	240	Plant filing fee		
108	690	208	345	Reissue filing fee		
114	150	214	75	Provisional application filing fee		
				SUBTOTAL (1)	690.00	
<u> </u>	EVTDA (N A 13.4 T	EEC			
2.	EXTRA C	JLAIM F	EES	Fee from	Foo Dold	
				Extra Claims below	<u>Fee Paid</u>	
Total	Claims	_ 23		$-20^{**} = 3$ X 18.00	= <u>54.00</u>	
Indep	endent C	Claims _	4_	$-3^{**} = 1$	= 78.00	
Multiple Dependent =						
**Or number previously paid, if greater; For Reissues, see below.						
	Entity	Small E				
Fee	Fee	Fee	Fee			
Code	(+)	Code	(\$)	Fee Description		
103	18	203	9	Claims in excess of 20		
102	78	202	39	Independent claims in excess of 3		
104	260	204	130	Multiple dependent claim, if not paid		
109	78 10	209	39	**Reissue independent claims over original patent		
110	18	210	9	**Reissue claims in excess of 20 and over original paten	ι	
				SUBTOTAL (2)	\$ <u>132.00</u>	

01/10/2000

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity Fee Fee	3. ADDITIONAL FEES					
Code (\$) Code (\$) Fee Description Fee Pair	_arge	Entity	tity Sma	I Entity		
105	=ee	Fee	Fee Fee	Fee		
127 50 227 25 Surcharge - late provisional filling fee or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filling a request for reexamination 152 920* 112 920* Requesting publication of SIR prior to Examiner action 131 1,840* 131 1,840* Requesting publication of SIR after Examiner action Examiner action 155 150 Extension for response within first month 156 157 158 Extension for response within stird month 157 158 Extension for response within stird month 157 158 Extension for response within first month 158 1,360 218 680 Extension for response within first month 158 1,360 228 925 Extension for response within first month 158 1,350 228 925 Extension for response within first month 158 1,360 218 130 Notice of Appeal 130 Notice of Appeal 130 Notice of Appeal 130 Request for oral hearing 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510 1,510	Code	(\$)	(\$) Code	(\$)	Fee Description	Fee Paid
or cover sheet 139	105	130	130 205	65		
139	127	50	50 227	25		
147	120	120	120 120	120	** *= * * * * * * * * * * * * * * * * *	
112 920* 112 920* Requesting publication of SIR prior to Examiner action						
Examiner action Requesting publication of SIR after Examiner action 115						
13	12	920"	920" 112	920"		
Examiner action	112	1 040*	040* 112	1 040#		
15	13	1,040	,040 113	1,040		
16	15	110	110 215	EE		
17						
18						
1,850 228 925 Extension for response within fifth month						
19 300 219 150 Notice of Appeal						
120 300 220 150 Filing a brief in support of an appeal 21 260 221 130 Request for oral hearing 21 260 221 230 Request for oral hearing 240 240 240 240 241 240 241 241 241 241 241 242 241 242 241 242 242 243 243 243 243 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 244 2						···
21						
1,510 138 1,510 Petition to institute a public use proceeding 110 240 55 Petition to revive unavoidably abandoned application 1,210 241 605 Petition to revive unintentionally abandoned application 1,210 242 605 Utility issue fee (or reissue) 1,210 243 215 Design issue fee 1,210 244 290 Plant issue fee 1,221 130 122 130 Petitions to the Commissioner 1,231 50 Petitions related to provisional applications 1,231 50 Petitions related to provisional applications 1,221 240 Submission of Information Disclosure Stmt 1,222 240 Recording each patent assignment per 1,223 2,244 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,245 2,						
110						
application Petition to revive unintentionally abandoned application 142 1,210 242 605 Utility issue fee (or reissue) 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 152 130 122 130 Petitions to the Commissioner 152 240 126 240 Submission of Information Disclosure Stmt 1581 40 581 40 Recording each patent assignment per property (times number of properties) 1581 40 581 For filling a submission after final rejection (see 37 CFR 1.129(a)) 1581 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) 1582 SUBTOTAL (3) \$ 0						
abandoned application 42 1,210 242 605 Utility issue fee (or reissue) 43 430 243 215 Design issue fee 44 580 244 290 Plant issue fee 22 130 122 130 Petitions to the Commissioner 23 50 123 50 Petitions related to provisional applications 26 240 126 240 Submission of Information Disclosure Stmt 281 40 581 40 Recording each patent assignment per property (times number of properties) 46 690 246 345 For filling a submission after final rejection (see 37 CFR 1.129(a)) 49 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) SUBTOTAL (3) \$ 0	40			55	application	
1,210 242 605 Utility issue fee (or reissue)	41	1,210	,210 241	605		
43	42	1 210	210 242	COE		
144		•				
122						
50 123 50 123 50 Petitions related to provisional applications 26 240 126 240 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 For filing a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0						
26 240 126 240 Submission of Information Disclosure Stmt						
40 581 40 Fee (specify) A Recording each patent assignment per property (times number of properties) 40 For filing a submission after final rejection (see 37 CFR 1.129(a)) 41 For each additional invention to be examined (see 37 CFR 1.129(a)) 51 Cher fee (specify) 51 SUBTOTAL (3) \$ 0						
property (times number of properties) 146 690 246 345 For filing a submission after final rejection (see 37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0						
146 690 246 345 For filling a submission after final rejection (see 37 CFR 1.129(a)))O I	40	40 561	40		
149 690 249 345 For each additional invention to be examined (see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0	46	690	690 246	345		
(see 37 CFR 1.129(a)) Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0					(see 37 CFR 1.129(a))	
Other fee (specify) Other fee (specify) SUBTOTAL (3) \$ 0	149	690	690 249	345		
Other fee (specify) SUBTOTAL (3) \$ 0	· · · · · · · · · · · · · · · · · · ·					
• • • • • • • • • • • • • • • • • • • •						
• • • • • • • • • • • • • • • • • • • •						
Reduced by Basic Filing Fee Paid					SUBTOTAL (3) \$	0
	Redu	ced by Basi	by Basic Filing	Fee Paid		
SUBMITTED BY:	SUB	MITTED B	TED BY:			
Typed or Printed Name: Michael J. Mallie				ne: <u>Mich</u>	ael J. Mallie	
Signature Date Date						
Reg. Number 36,591 Deposit Account User ID 02-2666	₹eg.	Number	mber <u>36,</u> 5	91	Deposit Account User ID 02-2666	

(complete if applicable)

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL14354 80205 Date of Deposit: September 13, 2000					
I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231					
(Typed or printed name of person mailing paper or fee)					
(Signature of person mailing paper or fee)					
(Date signed)					

BSTZ File No.: 004781 P004 Date Mailed: 09/13/00	Filing/Issue Date: **** DELIVERY USING PEER-TO-PEER Atty/Secty Initials: MJM/Amq Docket Due Date: ****
Amendment/Response (pgs.) Appeal Brief (pgs.) (in triplicate) Application - Utility (29pgs., with cover and abstract) Application - Rule 1.53(b) Continuation (pgs.) Application - Rule 1.53(b) Divisional (pgs.) Application - Rule 1.53(d) CPA Transmittal (pgs.) Application - Design (pgs.) Application - PCT (pgs.) Application - PCT (pgs.) Application - Provisional (pgs.) Assignment and Cover Sheet Certificate of Mailing Declaration & POA (5 pgs.) (unsigned) Disdosue Does & Oig & Copy of Inentos Signed Later (pgs.) Drawings: # of sheets includes figures	Trademark Office on the date stamped hereon: Express Mail No. FL143566802 Month(s) Extension of Time Stamped hereon: Information Use Submerric PTO 1449 (_ pgs.) Check No